

FIG. 1

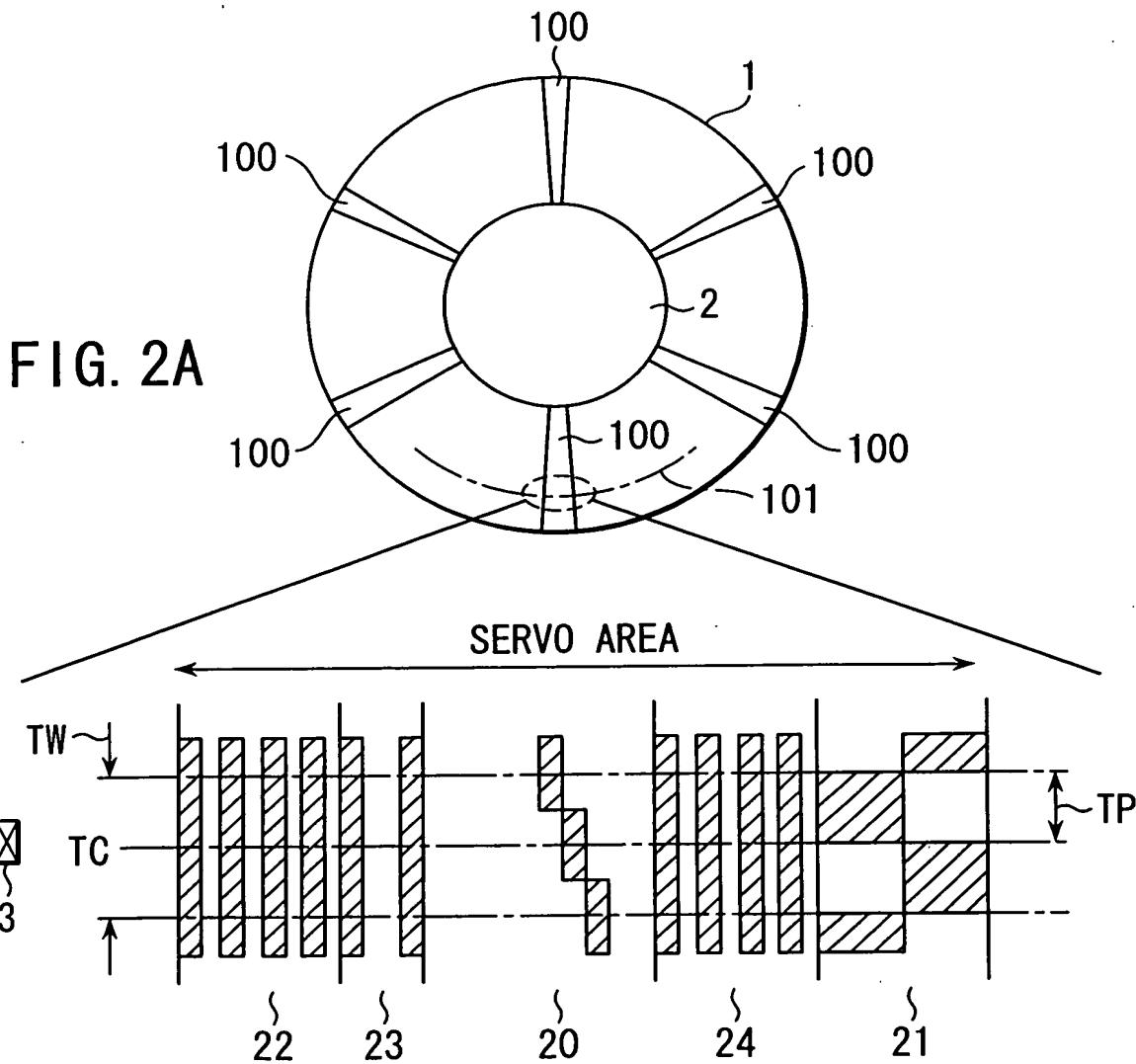


FIG. 3A

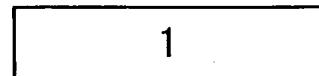
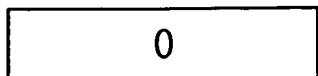


FIG. 3B

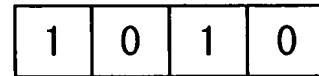
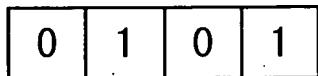


FIG. 3C



FIG. 3D

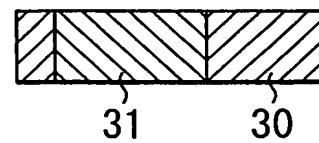
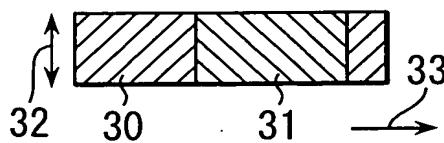


FIG. 4A

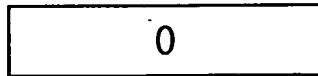


FIG. 4B



FIG. 4C

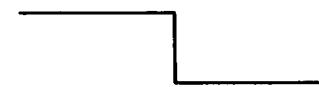


FIG. 4D

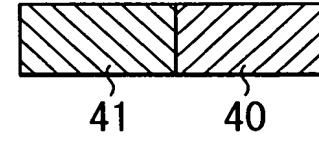
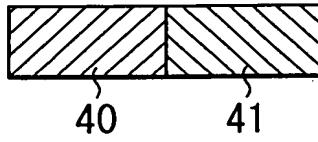


FIG. 5A

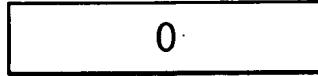


FIG. 5B

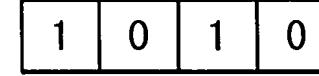
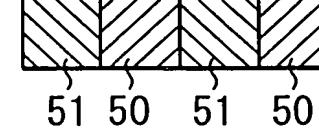
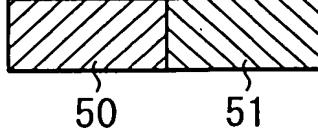


FIG. 5C



FIG. 5D



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FIG. 6A

**FIG. 6D** 

**FIG. 7A** 1111  
**FIG. 7B** 00001100  
**FIG. 7C** 1111  
**FIG. 7D** 1010 1010 1010 1010  
**FIG. 7E** 0101 0101 0101 0101  
**FIG. 7F** 1010 1010 1010 1010

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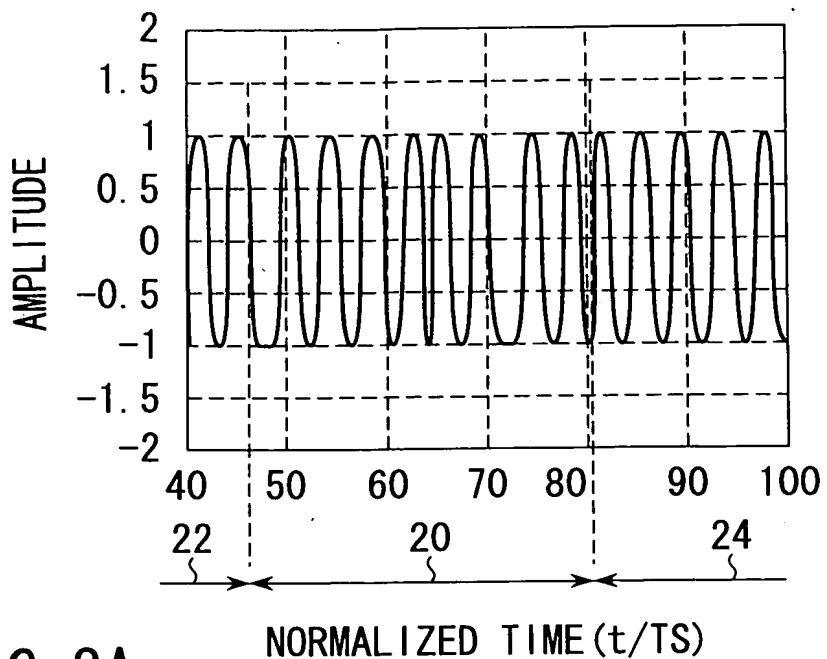


FIG. 8A

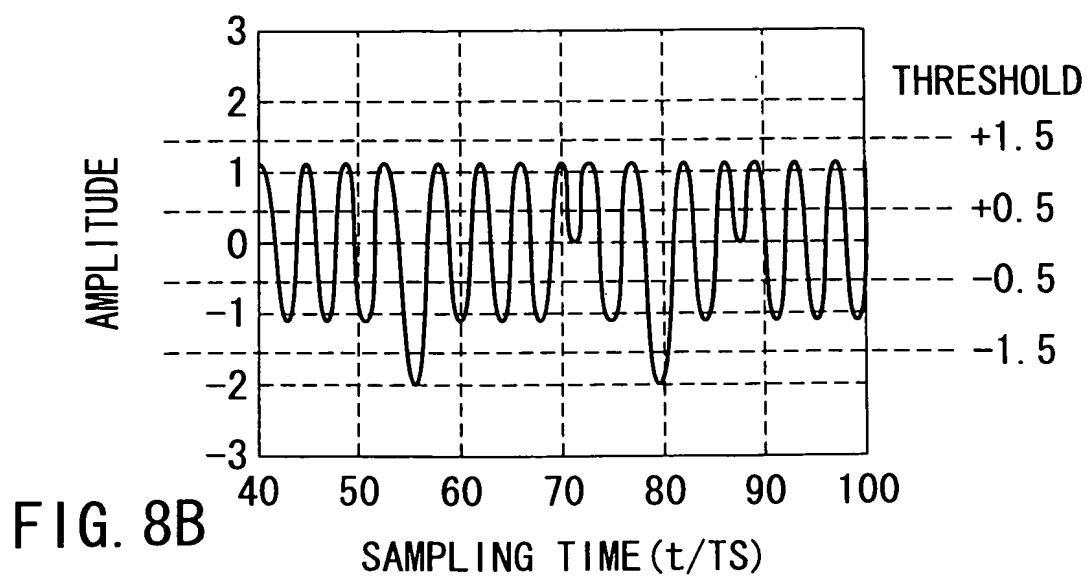


FIG. 8B

NOTE: 80° Phase Shifting

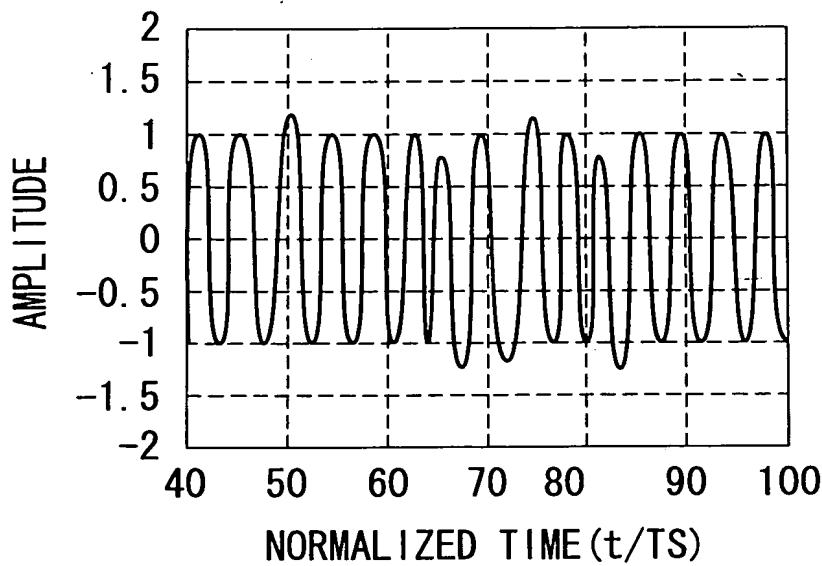


FIG. 9A

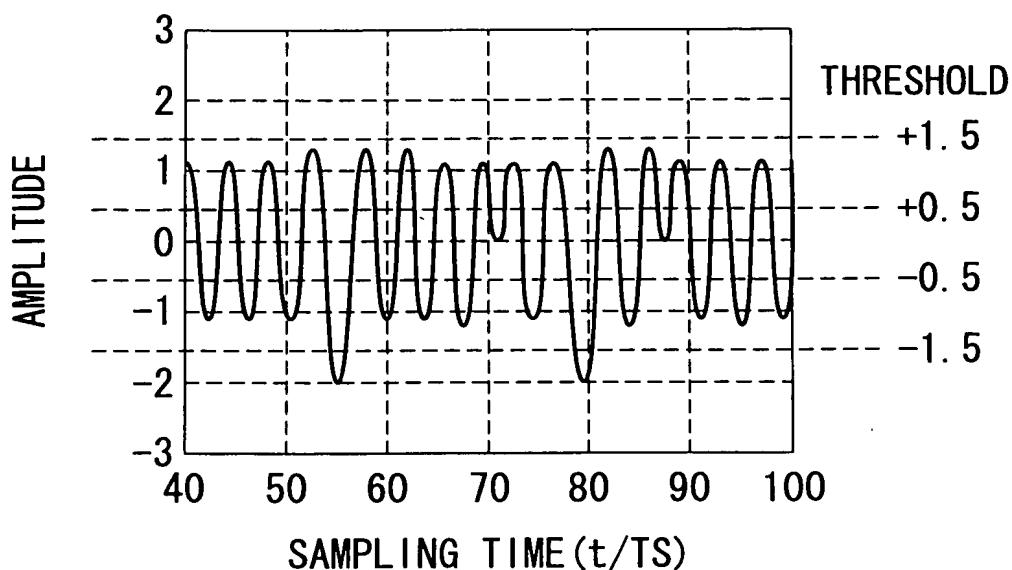


FIG. 9B

0 → 0000  
1 → 1010

FIG. 10A

TOKYO "THE 24660

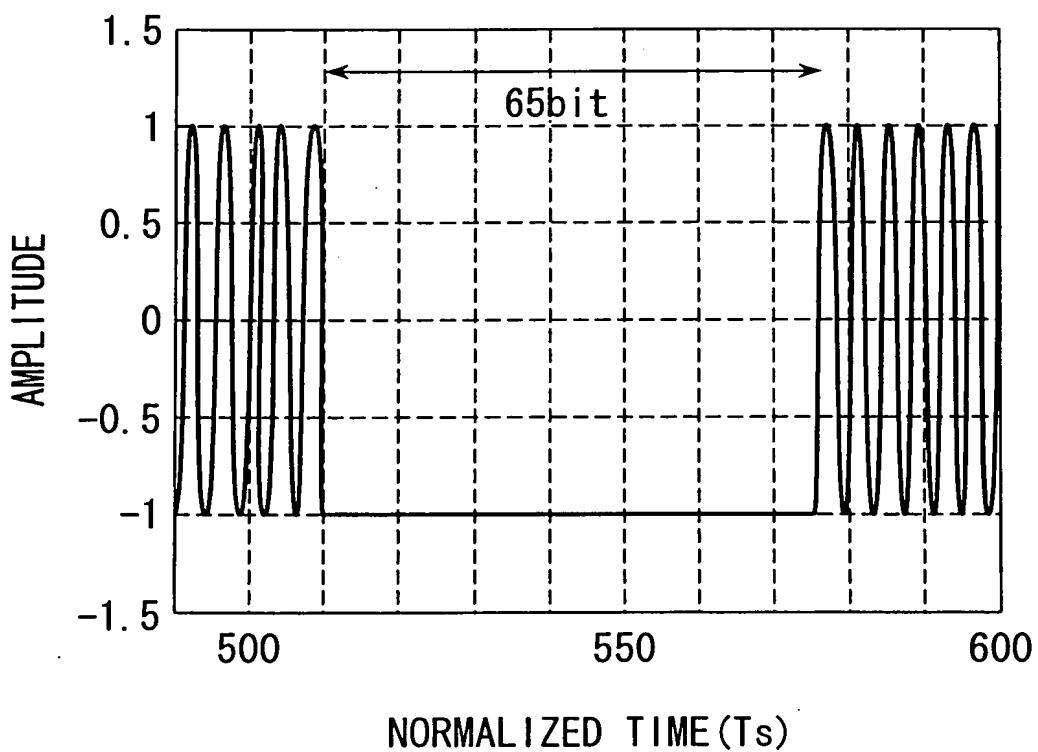


FIG. 10B

TO REED "THREEINGO"

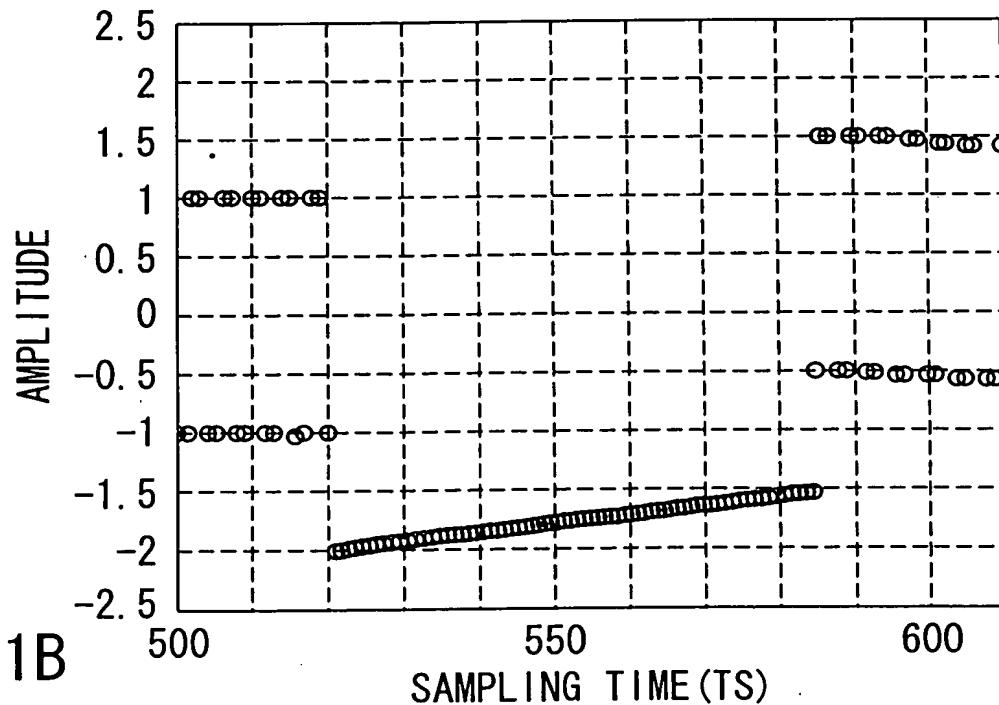
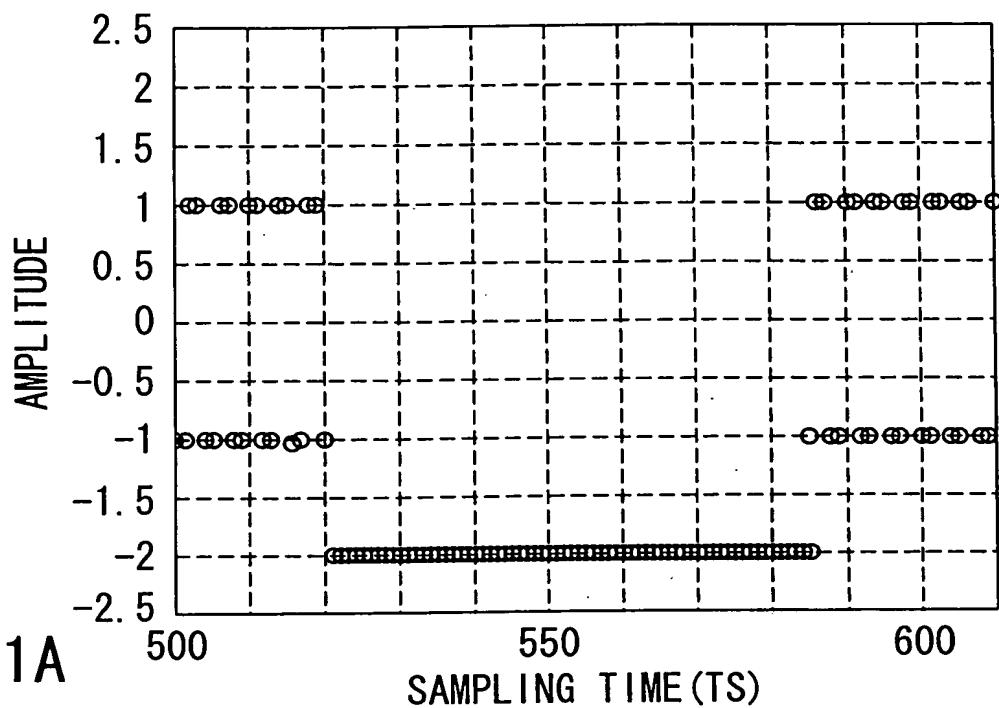


FIG. 12A

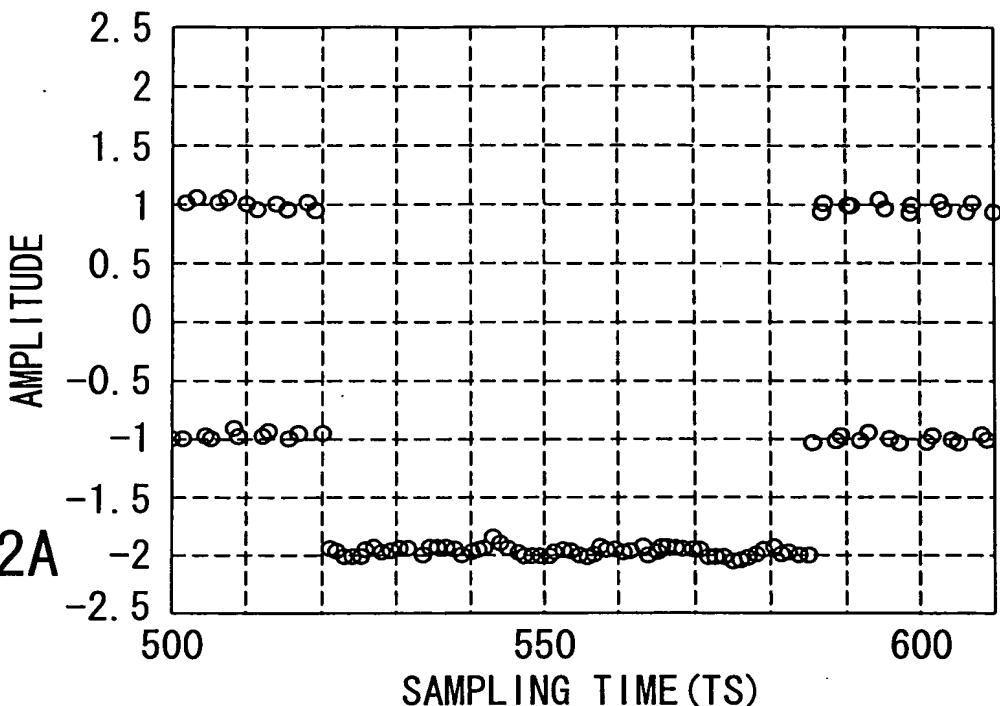


FIG. 12B

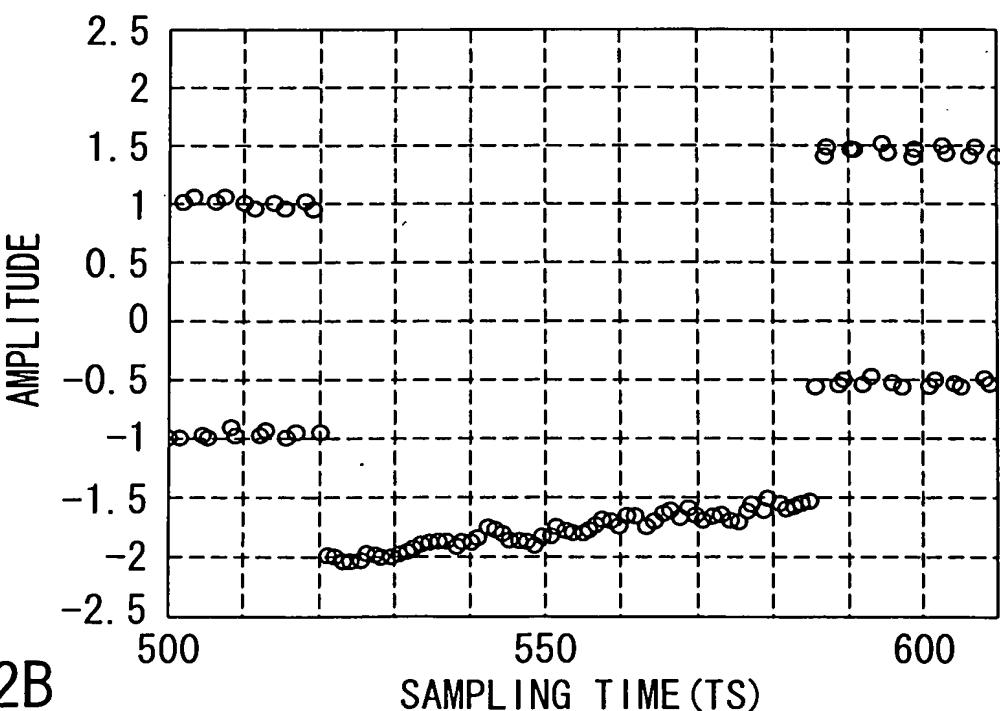
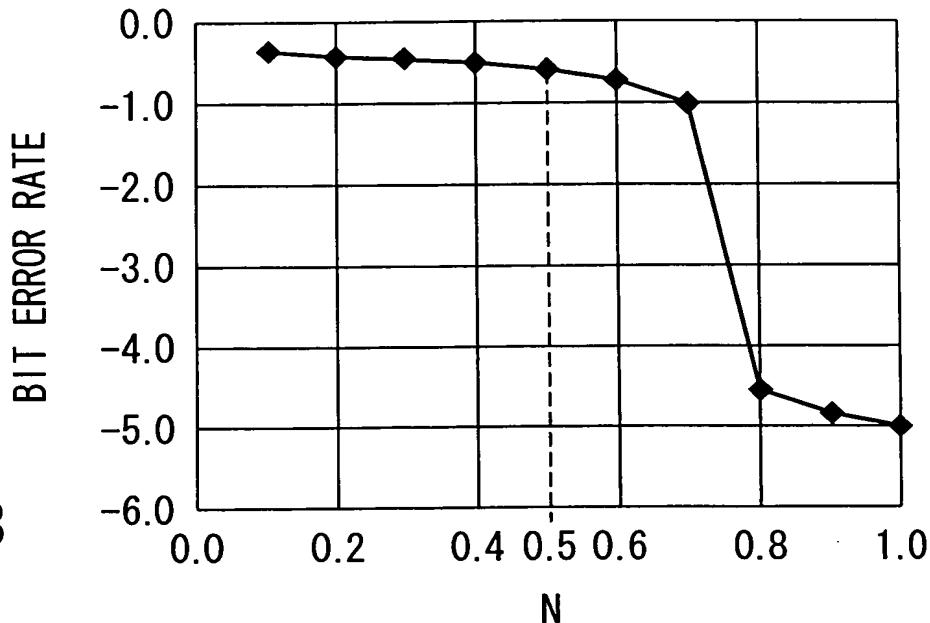


FIG. 13



TOTEGO "Fax-Chain"

Tmin=65 (bit)			
N	$f_c = \frac{-\ln N}{2\pi T_{min}}$	BER	BER(log)
0.1	5.64E-03	4.46E-01	-0.3506
0.2	3.94E-03	4.09E-01	-0.3880
0.3	2.95E-03	3.81E-01	-0.4192
0.4	2.24E-03	3.44E-01	-0.4631
0.5	1.70E-03	2.97E-01	-0.5272
0.6	1.25E-03	2.26E-01	-0.6454
0.7	8.73E-04	1.14E-01	-0.9419
0.8	5.46E-04	2.93E-05	-4.5324
0.9	2.58E-04	1.49E-05	-4.8268
1.0	0.00E+00	1.10E-05	-4.9586

FIG. 14

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Filing Date: August 31, 2001  
Attorney Docket: 282933  
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**FIG. 15A**  $1\ 1\ 1\ 1\ 0\ 0\ 0\ 0\ 1\ 1\ 0\ 0\ 1\ 1\ 1\ 1$   
(PRIOR ART)

FIG. 18A (PRIOR ART) 1111

EIG 18B (PRIORITY) 00001100

EIG 10C (DBIOP APT) 1111

**FIG 18D (PRIOR ART)** 1010 1010 1010

EIG 18E (PB10B ART) 0000 0000 0000 0000 0000 0000 0000

**FIG 18F (PRIOR ART)** 1010 1010 1010

FIG. 16A  
(PRIOR ART)

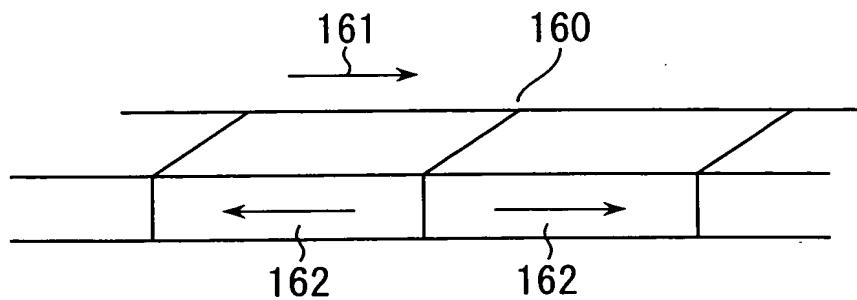


FIG. 16B  
(PRIOR ART)

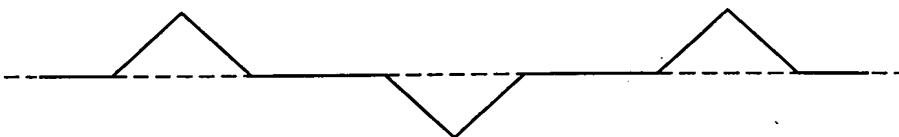


FIG. 17A  
(PRIOR ART)

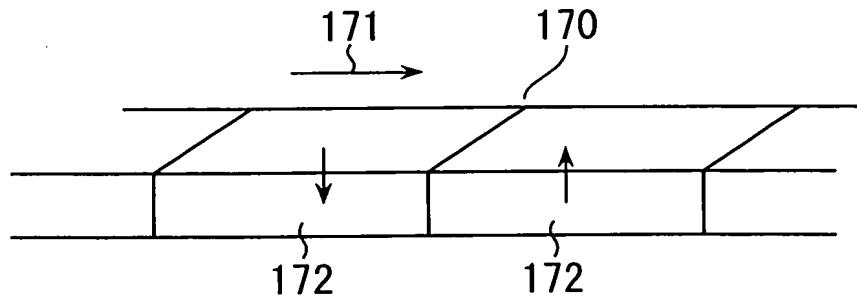
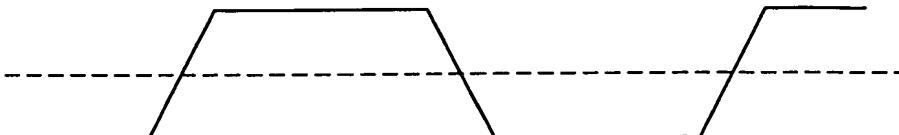
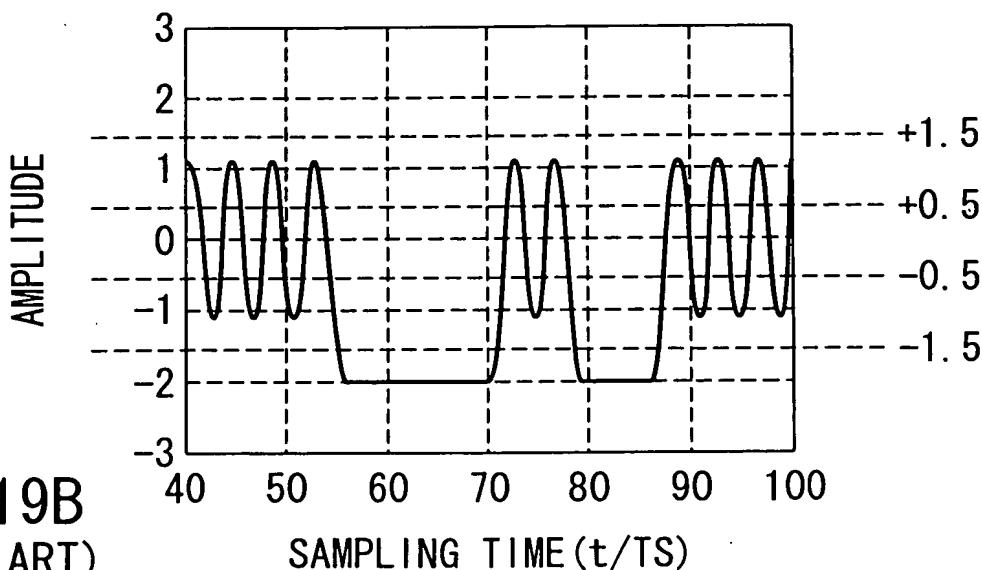
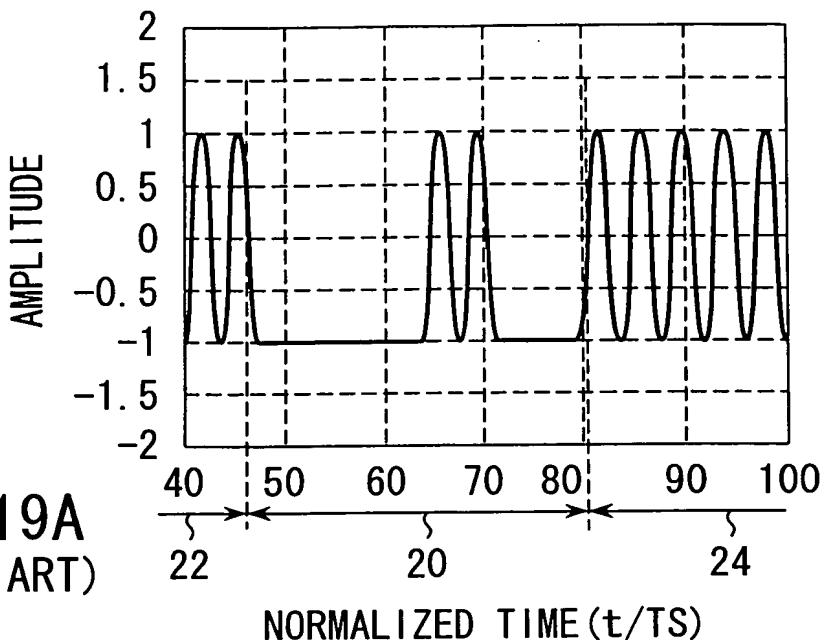


FIG. 17B  
(PRIOR ART)





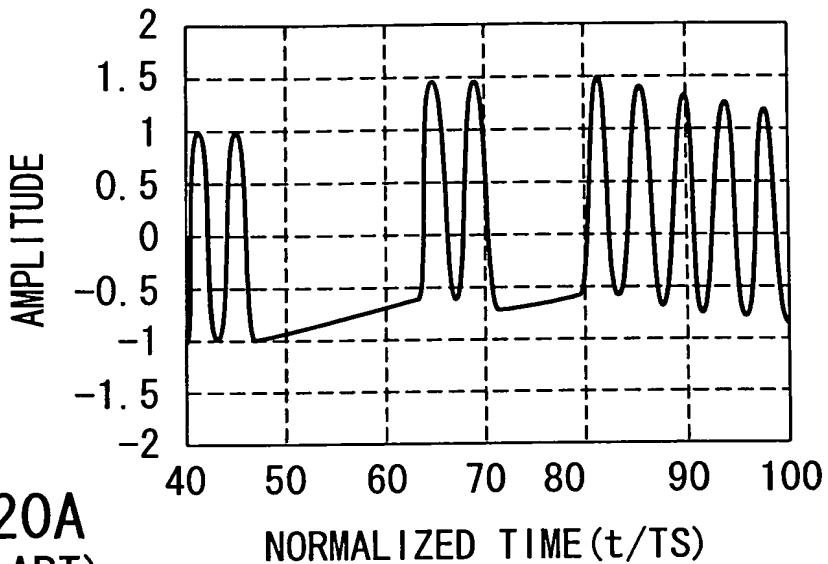


FIG. 20A  
(PRIOR ART)

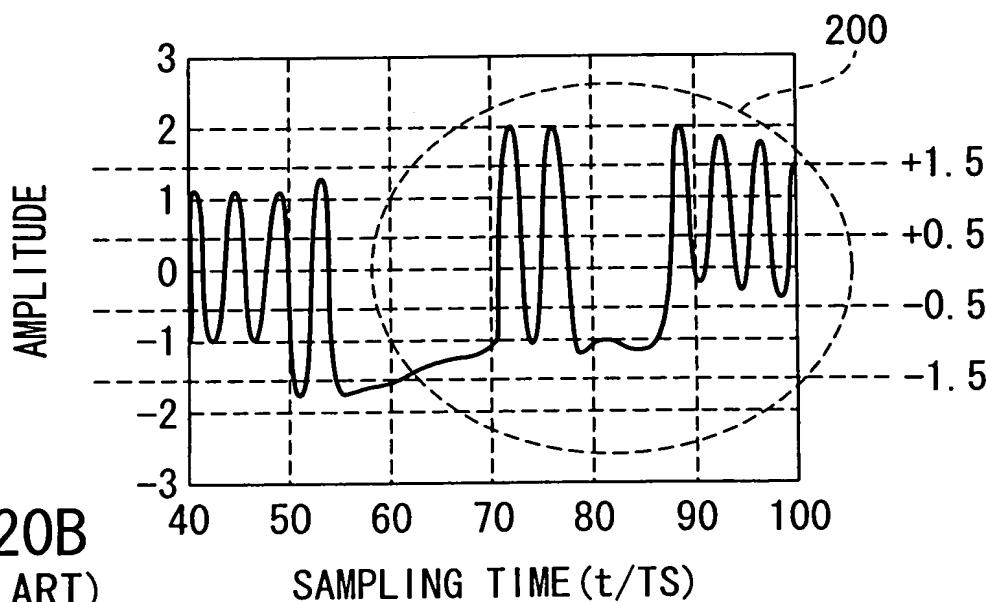


FIG. 20B  
(PRIOR ART)